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THIRTY-NINTH ANNUAL REPORT OF BOARD OF ACTUARIES OF CIVIL SERVICE RETIREMENT SYSTEM

LETTER

FROM

CHAIRMAN
U.S. CIVIL SERVICE COMMISSION

TRANSMITTING

THE THIRTY-NINTH ANNUAL REPORT OF THE BOARD OF ACTUARIES OF THE CIVIL SERVICE RETIREMENT SYSTEM FOR THE FISCAL YEAR ENDED JUNE 30, 1959, PURSUANT TO SECTION 16 OF THE CIVIL SERVICE RETIREMENT ACT

JUNE 1, 1961.—Referred to the Committee on Post Office and Civil Service and ordered to be printed

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LETTER OF TRANSMITTAL

U.S. CIVIL SERVICE COMMISSION,
Washington, D.C., May 29, 1961.

Hon. SAM RAYBURN,
Speaker of the House of Representatives.

DEAR MR. SPEAKER: The Commission is pleased to send you herewith the 39th Annual Report of the Board of Actuaries of the Civil Service Retirement System for the fiscal year ended June 30, 1959, submitted in pursuance of section 16 of the Civil Service Retirement Act. The report has also been sent to the President of the Senate.

The Commission wishes to record the great loss suffered by the Civil Service Retirement System in the death of Mr. George B. Buck, who had so ably served as Chairman of the Board of Actuaries ever since the system was established in 1920. His position on the Board has been filled by Mr. George B. Buck, Jr., who has for years been associated with his father in the sound development of governmental and industrial retirement programs.

Sincerely yours,

JOHN W. MACY, Jr., *Chairman.*

LETTER OF SUBMITTAL

NEW YORK, N.Y., *May 17, 1961.*

U.S. CIVIL SERVICE COMMISSION,
Washington, D.C.

DEAR COMMISSIONERS: The Board of Actuaries appointed under section 16(g) of the Civil Service Retirement Act has the honor to submit herewith its 39th annual report on the operation of the fund.

The report gives a statement of the Government appropriation necessary to finance the fund on the normal cost-plus-interest basis, under the benefit and contribution provisions of the act as amended to June 30, 1959, and on the basis of the estimated membership of the fund as of that date.

Respectfully submitted.

GEORGE B. BUCK, Jr.,
R. R. REAGH,
OTTO C. RICHTER,
Board of Actuaries, Civil Service Retirement System.

Approved For Release 2001/03/02 : CIA-RDP78-03721A000400010006-9

39TH ANNUAL REPORT OF THE BOARD OF ACTUARIES OF THE CIVIL SERVICE RETIREMENT SYSTEM

The civil service retirement and disability fund was established in 1920 to furnish retirement benefits to officers and employees of the U.S. Government who become superannuated in governmental service, or incapacitated before attaining old age. The Retirement Act makes provision for a Board of Actuaries of the Civil Service Retirement System and in section 16(g) defines the chief duties of the Board, as follows:

> * * * to report annually upon the actuarial status of the system and to furnish its advice and opinion on matters referred to it by the Commission, and it shall have the authority to recommend to the Commission and to the Congress such changes as in the Board's judgment may be deemed necessary to protect the public interest and maintain the system upon a sound financial basis. The Commission shall keep or cause to be kept such records as it deems necessary for making periodic actuarial valuations of the Civil Service Retirement System, and the Board shall make such valuations at intervals of five years, or oftener if deemed necessary by the Commission. * * *

This report, which has been prepared as of June 30, 1959, is the 39th annual report of the Board of Actuaries. The report gives first a summary of the main benefit and contribution provisions of the act as amended to June 30, 1959. This summary is followed by an estimate of the present membership and a table showing the number and amount of annuities in force on June 30, 1959. The report next gives a discussion of the appropriation payable by the Government for the support of the fund. Statements giving the results of a valuation of the liabilities on account of annuities in force as of June 30, 1959, and the results of the mortality experience of annuitants for the past year are then submitted. In conclusion, the Board gives certain comments on the present operation of the fund.

Summary of Benefit and Contribution Provisions of the Civil Service Retirement Act

The following summary states the main benefit and contribution provisions of the Retirement Act currently in effect as they were interpreted by the Board of Actuaries. "Average salary" is used to denote the average annual basic salary received by the employee during any 5 consecutive years of creditable service which affords the highest average. "Lump-sum credit" means the unrefunded amount consisting of the retirement deductions made from the employee's basic salary; any sums deposited by the employee covering prior service; and interest on such deductions and deposits, at 4 percent per annum to December 31, 1947, and at 3 percent per annum thereafter, compounded annually to December 31, 1956, or, in the case of an employee who separates before he has 5 years of service, to the date of separation. The lump-sum credit does not include interest if the service covered thereby aggregates 1 year or less.

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BENEFITS

Service retirement

Condition for eligibility.[1]—Retirement is compulsory at age 70 after 15 years of service.

Retirement is permissible at the option of the employee at age 60 after 30 years of service or at age 62 after 5 years of service. A Member of Congress may retire at age 60 after 10 years of Member service.

At the option of the employee at age 55 after 30 years of service or upon involuntary separation not due to misconduct or delinquency after 25 years of service or after age 50 and 20 years of service, an immediate annuity is payable equal to the regular annuity reduced by one-twelfth of 1 percent for each full month not in excess of 60, and one-sixth of 1 percent for each full month in excess of 60 the employee is under age 60.

Amount of benefit[2]—The annuity is equal to—

(1) The larger of—

(*a*) 1½ percent of the employee's average salary multiplied by so much of his total service as does not exceed 5 years; or

(*b*) 1 percent of the employee's average salary, plus $25, multiplied by so much of his total service as does not exceed 5 years; plus

(2) The larger of—

(*a*) 1¾ percent of the employee's average salary multiplied by so much of his total service as exceeds 5 years but does not exceed 10 years; or

(*b*) 1 percent of the employee's average salary, plus $25, multiplied by so much of his total service as exceeds 5 years but does not exceed 10 years; plus

(3) The larger of—

(*a*) 2 percent of the employee's average salary multiplied by so much of his total service as exceeds 10 years; or

(*b*) 1 percent of the employee's average salary, plus $25, multiplied by so much of his total service as exceeds 10 years.

No annuity is to exceed 80 percent of the employee's average salary.

Disability retirement

Condition for eligibility.—Retirement is permissible upon disability after 5 years of civilian service.

Amount of benefit.—The benefit is determined by the same method as used for service retirement. The minimum annuity is 40 percent of the employee's average salary but never greater than the annuity he would be entitled to were his service to include the period elapsing between the date of separation and the date he attains age 60. The provision for a minimum benefit does not increase the annuity payable to any survivor.

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[1] Certain employees who have rendered 20 years of service in the investigation, apprehension, or detention of persons suspected or convicted of offenses against the criminal laws of the United States are eligible to retire after age 50 and receive an annuity of 2 percent of average salary multiplied by the number of years of service.

[2] An additional annuity of $36 for each year of certain specified service in Alaska or on the Isthmus of Panama is allowed officers and employees who are citizens of the United States. A congressional employee receives an annuity of 2½ percent of average salary for each year of military service and service as a congressional employee, not in excess of 15 years, and an annuity at the regular rates for the remainder of his total service. A Member of Congress receives an annuity of 2½ percent of average salary for each year of his Member and military service, 2½ percent of such salary for each year of service as a congressional employee, not in excess of 15 years, and an annuity at the regular rates for the remainder of his total service with a maximum of 80 percent of final salary.

An individual may not receive retirement annuity and disability benefits from the U.S. employees' compensation fund for the same period but if eligible for both benefits must choose one or the other.

Deferred service retirement

Condition for eligibility.—Upon separation from service after 5 or more years of civilian service, a deferred annuity is payable.

Amount of benefit.—The deferred annuity begins at age 62 and is computed by the same method as the regular annuity.

An employee may elect to receive his lump-sum credit in lieu of the deferred annuity.

Lump-sum benefits

Upon separation from active service before completion of 5 years of civilian service, the employee's lump-sum credit shall be paid to him.

Upon death before 5 years of civilian service or after 5 years of civilian service where there is no survivor entitled to an annuity, the employee's lump-sum credit is paid to his beneficiary.

Upon death of a retired employee before the payments of the annuity equal the lump-sum credit the difference is paid, unless there is a survivor entitled to an annuity. Upon termination of all survivor annuities before total annuity payments equal the lump-sum credit, the difference is paid.

Annuities to dependents upon death in active service

Condition for eligibility.—Annuities to dependents are paid upon death of an employee in active service after 5 years of civilian service.

Amount of benefit.—(*a*) If survived by a widow or dependent widower, an annuity beginning the first of the month following the death of the employee equal to one-half regular annuity is payable until death or remarriage of widow or widower or until the widower becomes capable of self-support.

(*b*) If survived by a widow or widower each surviving child who received more than one-half his support from the employee shall be paid an annuity equal to the smallest of (1) 40 percent of the employee's average salary divided by the number of children, (2) $600, or (3) $1,800 divided by the number of children.

(*c*) If survived by a child or children and there is no widow or widower, each surviving child shall be paid an annuity, equal to the smallest of (1) 50 percent of the employee's average salary divided by the number of children, (2) $720, or (3) $2,160 divided by the number of children.

Upon death of the widow or widower, the annuity payable under (*b*) to a child or children is recomputed and paid as provided in (*c*).

The annuity payable to a child is terminated upon attainment of age 18, marriage, or death, whichever is earlier, except if such child is incapable of self-support by reason of mental or physical disability his annuity is terminated only upon death, marriage, or recovery from such disability.

Upon termination of the annuity of a child, the annuities to other children are recomputed as though the child whose annuity was terminated had not survived the employee.

Optional benefits

At retirement a married employee may elect to receive in lieu of his or her regular annuity a reduced annuity payable during the employee's life and an annuity payable to the surviving widow or widower equal to 50 percent of as much of his regular annuity before reduction as he designated. The annuity to the survivor commences on the first of the month in which the retired employee dies and ceases upon death or remarriage. The reduction in the employee's annuity exclusive of any portion of the annuity payable on account of the minimum provisions in cases of disability retirement is 2½ percent of so much of the regular annuity as he designated as does not exceed $2,400, plus 10 percent of any excess over $2,400.

At service retirement any unmarried employee in good health may elect to receive in lieu of his regular annuity a reduced annuity payable during his life and an annuity payable after his death to a survivor annuitant equal to 50 percent of such reduced annuity. The annuity payable to the employee is reduced by 10 percent of his regular annuity and by an additional 5 percent of the regular annuity for each full 5 years the person designated is younger than the retiring employee but such total reduction shall not exceed 40 percent.

Annuities to dependents upon death after retirement

Upon the death of an annuitant, benefits calculated in the same manner and payable under the same conditions as those granted upon the death of employees in active service are payable to surviving children.

CONTRIBUTIONS

By employees

Employees other than Members of Congress pay 6½ percent of salary commencing October 1, 1956. Members of Congress pay 7½ percent of salary for Member service commencing October 1, 1956.

Any employee may at his option and under regulations prescribed by the Civil Service Commission deposit additional sums in multiples of $25 but the total amount deposited for the purchase of an additional annuity may not exceed 10 percent of the employee's basic salary for service rendered since August 1, 1920.

By Government

Beginning July 1957, each employing agency must contribute amounts equal to the deductions of its employees.

While no direct appropriations are required by law,[3] estimates of amounts needed to finance the fund on a "normal cost plus interest basis" are to be submitted.

ESTIMATED ACTIVE MEMBERSHIP AS OF JUNE 30, 1959

The active membership of the fund as of June 30, 1959, was estimated by the Civil Service Commission to be at the same level as it was on June 30, 1958. At that time it was estimated that there were 2,105,740 employees with an annual payroll of $11,104 million.

[3] Increases and new annuities granted under Public Law 85-465 will terminate in each fiscal year beginning on or after July 1, 1960, for which an appropriation is not made by the Congress to compensate the fund for the cost of such increases and new annuities.

Annuitants on the Roll as of June 30, 1959

The following table summarizes the number and amount of annuities in force on June 30, 1959, as shown by the records of annuitants maintained by the Civil Service Commission. On pages 10 to 15 of this report, the distributions of the number and annuities of annuitants on the roll as of June 30, 1959, by age are given. The amounts of annuities include the increases effective August 1, 1958, provided under Public Law 85-465. The table also includes the annuities granted under Public Law 85-465 to unremarried widows and widowers of employees who died prior to February 29, 1948.

Table I.—*The number and annual annuities of annuitants on the roll as of June 30, 1959*

Group	Regular annuities		Voluntary annuities		Total annuities
	Number	Amount	Number	Amount	
Retired on account of age and voluntary and involuntary separations:					
Men	199,459	$422,200,812	3,516	$1,189,680	$423,390,492
Women	46,532	74,245,548	1,736	402,960	74,648,508
Total	245,991	496,446,360	5,252	1,592,640	498,039,000
Retired on account of disability:					
Men	72,659	106,825,584	576	114,456	106,940,040
Women	20,248	26,038,356	271	42,552	26,080,908
Total	92,907	132,863,940	847	157,008	133,020,948
Survivors of deceased employees:					
Children	22,055	8,087,592			8,087,592
Widows	41,225	33,698,088			33,698,088
Widowers	26	14,772			14,772
Total	63,306	41,800,452			41,800,452
Survivors of deceased annuitants: [1]					
Children	4,693	1,693,320			1,693,320
Widows:					
Terminable on death, remarriage, or attainment of age 50	382	220,200			220,200
Terminable on death or remarriage	20,966	22,375,428			22,375,428
Terminable on death only	29,054	16,927,008			16,927,008
All others:					
Men	848	398,880			398,880
Women	152	127,800			127,800
Total	56,095	41,742,636			41,742,636
Widows and widowers granted annuities under sec. 2 of Public Law 85-465	17,240	8,544,696			8,544,696
Grand total	475,539	721,398,084	6,099	1,749,648	723,147,732

[1] Includes voluntary annuities continued to survivors.

Method of Financing Plan

Each employee contributes 6½ percent of his compensation and each employing agency matches the contributions of its employees. The act does not specifically provide for direct appropriations by the Government but does state that "the Commission shall submit estimates of the appropriations necessary to finance the fund on a normal cost-plus-interest basis and to continue this Act in full force and effect." Under this provision, the estimated appropriation submitted by the Commission should consist of the part of the normal contribution not met by employees' contributions and those of employing agencies, and interest on the deficiency.

The normal contribution rate is the average percentage of the salaries of new employees that is required to be paid into the fund from the time they enter service until they leave service in order to accumulate sufficient funds to pay their benefits. Contributions at the normal contribution rate alone will not support the fund for present employees because there is an accrued liability in the fund for which no appropriations have been made, and which is referred to as the "deficiency." This deficiency arose originally when the fund was established and employees were given credit for their prior service during which no contributions had been made by the Government. This deficiency has grown during the years the fund has operated for various reasons including liberalization of benefits and inadequate contributions. If the deficiency is not to increase in the future the full normal contribution should be met and interest on the deficiency paid. Any amount needed to meet these requirements over and above the contributions provided by members and the matching contributions of the employing agencies will need to be met by Government appropriations if the fund is to be financed on the "normal cost-plus-interest basis."

ANNUAL APPROPRIATION OF GOVERNMENT AS OF JUNE 30, 1959

The following statement as of June 30, 1959, gives an estimate of the amount payable by the Government on the basis of the estimated payroll as of that date should it make an annual appropriation equal to the normal cost not met by the contributions of employees and employing agencies plus the interest on the deficiency.

TABLE II.—*Total annual contributions required to support the civil service retirement system on the normal cost-plus-interest method prepared as of June 30, 1959*

Contribution	Normal cost as—		Deficiency cost as—		Total cost as—	
	Percent of payroll	Annual amount	Percent of payroll	Annual amount	Percent of payroll	Annual amount
Total	13.83	$1,535,683,000	7.66	$850,890,000	21.49	$2,386,573,000
Payable by employee	6.50	721,760,000			6.50	721,760,000
Payable by employing agencies	6.50	721,760,000			6.50	721,760,000
Payable by Government	.83	92,163,000	7.66	850,890,000	8.49	943,053,000

The normal cost to support the benefits accruing on account of current service is equivalent to 13.83 percent of payroll, which is the normal cost shown in last year's report. The employees contribute 6.50 percent toward the normal cost and the employing agencies match their employees' contributions. Therefore, there remains 0.83 percent to be appropriated by the Government to meet the normal cost. On the basis of the estimated payroll as of June 30, 1959, this represents an annual payment of $92,163,000. In addition to the normal cost, the table shows a deficiency payment of $850,890,000 to meet the accruing interest at 3 percent on the estimated deficiency as of June 30, 1959. Therefore, the total annual appropriation needed in addition to the contributions of employees and employing

agencies is $943,053,000, if the fund is to be supported on the "normal cost-plus-interest basis."

The amount of the annual deficiency payment is greater than that shown in last year's report due to the fact that during the fiscal year 1959 no direct appropriation was made by the Government. As a result, the deficiency which as of June 30, 1958, was $27,451 million has increased to $28,363 million. The increase consists of the unpaid interest on the deficiency at the beginning of the year, and the part of the accruing normal cost, with interest thereon, that exceeded the contributions by employees and the employing agencies. Furthermore no direct appropriation was made by the Government for the year 1960. This means that the deficiency next year will again be greater by the amount of the deficit in the normal contribution and the interest on the deficiency. The deficiency is therefore increasing at a rapid rate, and will continue to increase until the full normal cost is met and interest on the deficiency is paid.

LIABILITIES OF FUND ON ACCOUNT OF ANNUITANTS ON THE ROLL AS OF JUNE 30, 1959

In accordance with its usual practice, the Board of Actuaries is presenting below the results of a valuation of the liabilities of the fund on account of annuitants on the roll. This valuation, prepared as of June 30, 1959, was based on the mortality tables included in the 38th annual report of the Board. A 3 percent-interest rate was used.

TABLE III.—*Liabilities on account of annuitants as of June 30, 1959*

Group	Present value of benefits to annuitants on the roll		
	Regular annuities	Voluntary annuities	Total annuities
Retired on account of age and voluntary and involuntary separation	$4,632,550,000	$15,495,000	$4,648,045,000
Retired on account of disability	1,299,373,000	1,553,000	1,300,926,000
Reversionary annuities to designated beneficiaries [1]	843,208,000		843,208,000
Survivorship annuities [1]	1,039,434,000		1,039,434,000
Total	7,814,565,000	17,048,000	7,831,613,000

[1] Includes voluntary annuities.

In the 38th annual report of the Board, the liabilities on account of annuities payable to annuitants on the roll as of June 30, 1958, were shown to be $6,654 million as compared with $7,831,613,000 as of June 30, 1959, or an increase in liabilities of more than $1,177 million during the year ended June 30, 1959. Part of this increase is due to the increase in annuities granted under Public Law 85–465. In the liabilities given above the assumption is made that the increases will be payable for life, whereas in last year's valuation liabilities for payment to 1960 only were included. This year's liabilities also include the liability on account of the annuities granted to a new group of survivors under Public Law 85–465.

Summary of Mortality Experience of Annuitants for the Year Ended June 30, 1959

For the purpose of making a check of the mortality tables adopted for annuitants, the actual and expected number of deaths during the past year were compared, separately for men and women who had retired on account of age, or voluntary or involuntary separation from service; and for men and women who had retired on account of disability. The following table summarizes the results of the comparison.

Table IV.—*Summary of the comparison of the actual and expected deaths among annuitants, July 1, 1958, to June 30, 1959*

Group	Number of deaths			Ratio of actual cases to expected cases
	Actual	Expected	Difference	
Employee annuitants retired on account of age, voluntary or involuntary separation:				
Men	9,735	10,221.6	+486.6	0.952
Women	1,228	1,283.3	+55.3	.957
Employee annuitants retired on account of disability:				
Deaths:				
Men	4,445	4,699.3	+254.3	.946
Women	763	792.7	+29.7	.963

A check of the tables used for widows was also prepared this year. The following table summarizes the comparison.

Table V.—*Summary of the actual and expected terminations among female survivors of deceased employees and annuitants July 1, 1958, to June 30, 1959*

Cause	Number of terminations			Ratio of actual cases to expected cases
	Actual	Expected	Difference	
Terminated by—				
Death	1,947	2,077.3	+130.3	0.937
Remarriage	796	744.0	−52.0	1.070

The expected terminations shown in the preceding tables were based on the mortality and termination rates shown in the Board's 38th report. For all classes of annuitants the actual rates of mortality were less than the expected rates. The mortality experience during the year ended June 30, 1959, indicates an understatement of the liabilities on account of annuitants because retired employees are living longer than expected according to the mortality tables used in making the calculations. If experience during the next few years shows a similar result, and this seems likely in the light of mortality experience generally during recent years, it will be necessary to revise the mortality tables to a more realistic and conservative basis.

Conclusions

Since July 1, 1957, the employing agencies have made contributions to the retirement fund equal to employees' contributions but there have been no direct appropriations to the fund. The Board has consistently recommended that direct appropriations be made equal to the amount by which the joint contributions of employees and employing agencies fall short of meeting the normal cost, plus the amount of accruing interest on the deficiency. The Board has given in its successive reports the appropriations required on this basis.

The reports of the Board show an increasing deficiency and increasing annual appropriations as a result of the omission of the direct appropriations recommended. It has been argued that the increase in deficiency is not serious because the obligation to pay the benefits is backed by the faith and credit of the United States. On the other hand, there are many advantages to the Government in recognizing the annual accruing costs of the retirement benefits by making the necessary direct appropriations on the basis recommended. A standard uniform method of measuring retirement costs would result and be reflected in the budget. The retirement fund deficits represent amounts owed by the Government to the retirement fund for prior years, but these amounts are not reflected in the public debt. The operating cost of Government, therefore, is understated. Good business practice would seem to call for the recognition of these costs. As long as the payroll of employees covered by the act remains at or about the present level and benefits continue as at present little change in the annual appropriation would need to be anticipated. All connected with Government finances would know what to expect as the annual accruing cost of retirement benefits. The cost of any liberalizing amendments to the Retirement Act would be immediately taken into account by an increase in the annual direct appropriations. The necessity for an increase in appropriation would act as a brake on unreasonable demands for liberalization.

If the present method of simply matching employees' contributions is continued, the time will come when increasing direct appropriations will be required to meet benefit payments. Future generations will then be called upon to make much higher appropriations than would be required of the present generation because future generations will need to assume not only their own share of retirement costs but also the retirement costs which have accrued on account of service rendered in the past but for which no provision has been made. A substantial part of this increased cost should be reflected as interest cost on the public debt because this result would have been obtained under a system of proper accounting for retirement costs.

The Board again makes the recommendation given in its previous reports that the actuarial valuations of the fund be made more frequently than in the past. If the direct appropriations are to be made on the basis recommended, the valuations will keep the appropriations in line with changes in experience and personnel. If the direct appropriations are not made, the valuations will be doubly valuable in measuring the increasing deficiency and furnishing information as to the probable future requirements of the fund.

TABLE 1.—*The number and regular monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1959—Retired on account of age and voluntary and involuntary separations*

Age	Men		Women		Ago	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities		Number	Monthly annuities	Number	Monthly annuities
44	1	$136	1	$136	75	7,138	$1,202,797	1,665	$205,432
45	5	782	1	134	76	6,118	1,021,032	1,414	173,512
46	14	2,151	1	118	77	5,540	900,036	1,225	151,877
47	22	3,592	2	329	78	4,555	749,890	1,005	124,934
48	31	6,357	3	374	79	4,176	664,567	853	107,843
49	38	6,307	10	1,287	80	3,574	561,134	753	92,923
50	65	13,133	24	3,709	81	2,877	451,770	607	76,987
51	133	27,913	27	4,440	82	2,408	370,124	480	62,206
52	182	36,652	33	5,002	83	2,192	336,656	441	58,848
53	210	41,972	45	6,036	84	1,754	271,818	349	43,719
54	237	48,613	55	8,674	85	1,342	209,719	282	36,735
55	460	102,241	85	14,940	86	1,041	162,723	206	27,644
56	1,160	270,492	234	45,965	87	831	126,431	175	22,388
57	1,756	409,255	352	68,276	88	601	93,842	116	15,201
58	2,034	469,115	420	87,364	89	472	74,483	109	13,636
59	2,471	575,814	594	123,587	90	334	53,822	76	9,216
60	2,889	697,843	673	148,060	91	229	38,234	53	7,075
61	3,911	981,431	831	175,904	92	167	27,742	32	3,858
62	5,292	1,208,139	1,323	219,426	93	110	16,917	32	3,825
63	8,912	1,759,474	2,522	332,298	94	69	10,170	11	1,287
64	10,440	1,967,209	2,810	375,444	95	44	6,994	13	1,476
65	11,681	2,084,382	2,914	364,435	96	37	5,721	5	725
66	12,480	2,153,850	3,028	382,316	97	14	2,327	5	537
67	13,269	2,204,684	2,995	366,636	98	17	2,482	6	720
68	11,819	1,962,163	2,708	330,270	99	6	946	1	24
69	11,441	1,870,058	2,606	315,512	100	4	497	-------	---------
70	11,956	2,054,782	2,909	367,352	101	3	368	-------	---------
71	13,064	2,199,909	3,006	388,955	102	2	199	-------	---------
72	10,723	1,783,746	2,376	299,610	103	1	105	-------	---------
73	9,510	1,583,509	2,202	277,128					
74	7,597	1,294,151	1,828	230,784	Total	199,459	35,183,401	46,532	6,187,129

TABLE 2.—*The number and voluntary monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1959—Retired on account of age and voluntary and involuntary separations*

Age	Men		Women		Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities		Number	Monthly annuities	Number	Monthly annuities
49	-------	---------	1	$9	72	256	$8,086	84	$1,888
50	-------	---------	2	53	73	214	5,874	97	1,761
51	3	$198	-------	---------	74	186	5,271	97	1,954
52	2	117	-------	---------	75	168	5,148	62	1,045
53	1	14	-------	---------	76	144	3,829	63	1,033
54	6	130	2	49	77	105	2,636	38	711
55	5	121	-------	---------	78	100	2,748	38	600
56	14	361	2	24	79	81	1,891	27	490
57	16	327	10	206	80	60	1,637	22	294
58	19	467	12	290	81	43	1,096	18	277
59	23	485	12	391	82	35	1,123	12	145
60	35	1,128	23	479	83	35	861	8	122
61	45	1,154	30	695	84	21	633	9	93
62	66	2,295	40	871	85	16	491	5	60
63	112	3,179	92	1,847	86	15	343	4	61
64	189	5,689	106	2,132	87	6	71	2	67
65	193	5,499	122	2,265	88	4	123	3	19
66	216	5,786	115	2,581	89	3	135	1	25
67	201	5,379	105	2,038	90	1	5	-------	---------
68	188	5,468	111	1,914	92	1	1	-------	---------
69	208	5,921	103	2,252	97	1	38	-------	---------
70	237	6,581	128	2,552					
71	242	6,801	130	2,287	Total	3,516	99,140	1,736	33,580

[redacted]

TABLE 3.—*The number and regular monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1959—Retired on account of disability*

Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities
24	1	$134	----	----
25	1	102	1	$110
26	8	943	4	444
27	13	1,634	3	349
28	17	1,874	5	578
29	18	1,991	4	452
30	32	3,351	14	1,175
31	62	6,569	20	1,876
32	116	12,545	25	2,551
33	141	14,985	33	3,505
34	205	21,507	55	5,637
35	239	26,001	68	6,335
36	309	34,015	81	7,855
37	360	39,004	70	6,317
38	397	45,334	93	9,215
39	447	51,151	96	9,412
40	445	49,036	109	10,381
41	487	55,211	133	13,611
42	544	63,383	130	13,650
43	616	72,526	139	13,727
44	590	67,599	162	16,239
45	662	77,462	171	17,675
46	648	74,790	195	19,061
47	736	86,612	257	25,820
48	791	95,629	227	21,831
49	904	110,202	278	30,643
50	1,052	134,021	328	33,527
51	1,147	149,976	387	40,437
52	1,220	160,712	437	44,276
53	1,229	166,183	487	51,437
54	1,397	192,868	470	49,080
55	1,479	213,455	557	59,571
56	1,574	227,637	629	68,129
57	1,864	272,169	753	82,325
58	1,986	295,642	695	77,604
59	2,783	406,464	1,025	118,400
60	2,825	412,946	949	114,305
61	3,641	511,242	1,104	127,148

Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities
62	4,000	$532,399	1,031	$116,051
63	4,997	627,980	1,068	120,471
64	4,733	574,672	966	104,521
65	4,165	479,959	868	91,326
66	3,855	422,102	779	78,041
67	3,575	371,582	756	75,510
68	2,717	279,272	639	61,778
69	2,358	240,512	535	53,385
70	2,234	225,930	522	54,042
71	1,900	193,559	411	42,382
72	1,363	138,852	335	34,952
73	1,073	112,226	328	34,041
74	734	83,576	306	31,283
75	669	74,363	238	25,168
76	519	57,803	184	18,929
77	502	54,967	174	19,116
78	406	47,219	150	15,741
79	362	40,027	133	13,648
80	325	38,752	128	14,275
81	269	34,304	101	11,648
82	229	27,813	84	9,569
83	193	24,268	79	9,483
84	137	16,652	53	6,900
85	99	12,452	42	5,140
86	56	7,133	51	6,166
87	65	8,474	32	3,778
88	53	7,103	21	2,793
89	39	5,336	17	2,205
90	10	1,398	7	965
91	12	1,519	6	793
92	10	1,192	2	156
93	7	876	5	556
94	4	439	2	285
96	2	220	----	----
98	1	113	1	78
Total	72,659	8,902,132	20,248	2,169,863

TABLE 4.—*The number and voluntary monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1959—Retired on account of disability*

Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities
33	----	----	1	$1
41	3	$29	----	----
42	----	----	1	22
43	2	16	1	4
44	2	12	----	----
45	4	28	----	----
46	----	----	3	3
47	4	49	1	1
48	1	2	2	15
49	4	50	1	2
50	3	61	3	18
51	6	86	----	----
52	5	57	1	1
53	9	77	7	24
54	10	156	2	30
55	12	87	3	18
56	7	69	6	130
57	17	286	9	149
58	12	179	5	32
59	14	261	5	70
60	27	488	16	181
61	21	425	18	176
62	41	825	18	342
63	42	665	22	347
64	39	624	10	200

Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities
65	28	$481	16	$281
66	33	537	10	142
67	50	1,337	21	311
68	31	458	17	191
69	24	419	9	142
70	26	431	17	214
71	16	289	8	51
72	20	243	5	59
73	9	68	7	62
74	9	82	5	45
75	8	117	2	62
76	9	84	2	7
77	9	207	1	31
78	5	89	6	97
79	----	----	4	30
80	3	43	2	10
81	3	37	2	36
82	3	18	1	4
83	2	38	----	----
84	1	14	----	----
85	2	14	----	----
89	----	----	1	5
Total	576	9,538	271	3,546

TABLE 5.—*The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1959—Survivors of deceased employees*

Age	Children		Widows		Widowers	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
Under 6 months	13	$567				
1	132	5,214				
2	244	9,495				
3	323	11,730				
4	447	14,600				
5	590	18,437				
6	718	22,026				
7	896	26,305				
8	1,024	29,975				
9	1,215	34,291				
10	1,377	40,898				
11	1,597	45,627				
12	1,925	57,209				
13	1,925	57,644				
14	1,792	54,174				
15	1,960	60,318				
16	2,171	67,924				
17	2,127	66,029				
18	1,028	33,034				
19	27	973	1	$47		
20	15	482	3	146		
21	18	597	1	30		
22	23	745	2	173		
23	19	667	4	85		
24	32	1,030	7	144		
25	18	554	15	287		
26	21	568	20	695		
27	18	603	33	900		
28	20	778	47	1,350		
29	23	741	50	1,356		
30	25	819	60	1,771		
31	25	764	96	3,000		
32	20	748	135	4,765		
33	25	843	152	5,036		
34	21	727	168	6,230		
35	19	688	230	9,210		
36	21	534	262	10,710		
37	29	1,073	323	13,260		
38	25	958	351	15,476		
39	17	502	397	18,461		
40	9	352	410	19,684		
41	9	335	460	22,517		
42	10	351	453	21,928		
43	17	505	499	27,014	1	$36
44	6	206	611	34,314		
45	7	243	660	36,665		
46	10	271	708	41,722		
47	5	190	774	45,395		
48	2	63	775	50,177		
49	4	199	862	56,283		
50	2	52	968	63,301	1	52
51	2	51	1,148	73,569		
52	4	145	1,203	82,954	1	52
53	1	41	1,278	84,245		
54	1	30	1,467	99,758		
55	1	41	1,493	103,501		
56			1,557	108,842	2	37
57			1,696	117,250		
58			1,706	124,276	1	49
59			1,955	141,750	1	16
60			1,752	129,188		
61			2,023	146,251		
62			1,701	124,561	1	22
63			1,657	128,630		
64			1,614	121,495	3	173
65			1,496	115,444	4	373
66			1,291	98,749		
67			1,150	88,330	3	144
68			994	73,870	1	36
69			883	69,382		
70			766	60,143		
71			630	47,623		
72			408	30,981		
73			400	29,893	1	66
74			328	24,477	1	28
75			274	20,363	1	30
76			205	14,632	1	22
77			143	10,184	1	33

TABLE 5.—*The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1959—Survivors of deceased employees*—Continued

Age	Children		Widows		Widowers	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
78			115	$8,440	1	$25
79			101	6,839		
80			59	3,401		
81			47	2,321	1	37
82			30	1,991		
83			24	918		
84			12	534		
85			8	606		
86			5	278		
87			6	220		
89			1	89		
90			1	30		
93			1	34		
Total	22,055	$673,966	41,225	2,808,174	26	1,231

TABLE 6.—*The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1959—Survivors of deceased annuitants* [1]

CHILDREN

Age	Number	Monthly annuities	Age	Number	Monthly annuities	Age	Number	Monthly annuities
Under 6 months	3	$129	20	8	$220	40	12	$404
1	11	384	21	7	200	41	12	462
2	40	1,356	22	9	293	42	8	270
3	43	1,109	23	11	443	43	8	340
4	77	2,476	24	12	356	44	7	217
5	84	2,400	25	11	396	45	5	203
6	130	3,557	26	5	144	46	10	422
7	144	3,999	27	10	388	47	5	169
8	155	4,651	28	12	359	48	5	176
9	195	5,523	29	11	376	49	6	181
10	222	6,352	30	7	175	50	7	287
11	294	8,246	31	14	420	51	3	112
12	365	10,664	32	11	336	52	1	21
13	428	13,267	33	18	496	53	3	107
14	426	12,420	34	11	394	54	2	89
15	450	13,582	35	11	302	55	3	103
16	486	15,031	36	13	501	56	1	22
17	526	16,027	37	19	655	59	1	33
18	278	8,556	38	16	582			
19	10	335	39	11	392	Total	4,693	141,110

WIDOWS ANNUITIES TERMINABLE ON DEATH OR REMARRIAGE OR ATTAINMENT OF AGE 50

26	1	$14	36	9	$382	45	34	$1,446
27	1	10	37	11	388	46	33	1,731
29	1	54	38	13	812	47	37	1,557
30	1	101	39	17	689	48	27	1,256
31	1	39	40	17	797	49	41	2,390
32	3	93	41	20	892	50	17	1,194
33	4	96	42	23	1,128			
34	7	223	43	25	1,215	Total	382	18,350
35	12	300	44	27	1,543			

[1] Includes voluntary annuities continued to survivors.

TABLE 6.—*The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1959—Survivors of deceased annuitants* [1]—Con.

WIDOWS' ANNUITIES TERMINABLE ON DEATH OR REMARRIAGE

Age	Number	Monthly annuities	Age	Number	Monthly annuities	Age	Number	Monthly annuities
21	1	$12	46	107	$6,875	70	871	$84,318
22	1	36	47	133	8,915	71	851	83,761
24	1	16	48	147	8,643	72	692	70,291
25	3	67	49	150	11,579	73	618	62,510
26	2	29	50	180	13,692	74	542	55,461
27	2	108	51	276	19,056	75	457	43,501
28	5	213	52	283	21,881	76	336	34,311
29	1	33	53	343	26,080	77	287	26,374
30	8	258	54	419	32,574	78	198	18,154
31	4	139	55	491	40,822	79	157	14,301
32	8	460	56	605	48,228	80	105	9,894
33	15	635	57	676	55,868	81	70	5,557
34	28	1,154	58	677	57,524	82	46	4,236
35	26	1,059	59	894	73,768	83	41	3,536
36	26	1,367	60	827	70,949	84	18	1,333
37	41	1,809	61	990	87,407	85	18	1,450
38	38	1,735	62	869	80,195	86	10	858
39	45	2,007	63	988	88,570	87	10	586
40	42	2,023	64	1,010	91,873	88	4	305
41	45	2,306	65	990	92,531	89	1	62
42	62	3,246	66	1,036	95,538	90	1	44
43	81	3,764	67	1,044	98,874	91	1	121
44	67	4,108	68	929	88,965			
45	108	7,117	69	908	89,548	Total	20,966	1,864,619

WIDOWS' ANNUITIES TERMINABLE ON DEATH ONLY

Age	Number	Monthly annuities	Age	Number	Monthly annuities	Age	Number	Monthly annuities
30	1	$55	55	233	$9,361	80	1,024	$54,946
31	2	51	56	290	11,737	81	934	50,969
32	2	31	57	323	12,496	82	792	44,573
33	3	38	58	352	14,120	83	724	39,828
34	2	90	59	494	20,032	84	564	30,526
35	2	25	60	452	18,858	85	445	23,963
36	5	129	61	571	23,035	86	310	17,628
37	6	156	62	585	24,033	87	300	16,949
38	7	164	63	651	26,542	88	193	10,726
39	6	200	64	733	31,150	89	141	7,561
40	14	485	65	792	35,610	90	85	4,680
41	15	496	66	856	36,424	91	65	3,622
42	27	830	67	979	43,803	92	51	2,988
43	32	1,038	68	995	45,206	93	26	1,391
44	36	1,055	69	1,150	53,179	94	24	1,173
45	49	1,688	70	1,164	55,827	95	8	449
46	58	2,052	71	1,321	64,842	96	5	282
47	74	2,587	72	1,224	59,834	97	3	164
48	77	2,957	73	1,348	68,637	98	1	54
49	105	3,794	74	1,287	65,863	99	1	28
50	129	5,044	75	1,422	74,747	100	1	54
51	135	5,618	76	1,290	68,483	102	1	50
52	149	5,575	77	1,261	65,799			
53	153	5,544	78	1,117	58,845	Total	29,054	1,410,584
54	221	8,272	79	1,156	61,573			

[1] Includes voluntary annuities continued to survivors.

TABLE 6.—*The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1959—Survivors of deceased annuitants*[1]—Con.

ALL OTHERS

Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities
16			1	$30
24	1	$47		
27	2	87		
29	1	4		
30	1	3	1	73
32	1	24		
34	1	33	1	20
35	1	18		
36			1	79
37	2	21	1	35
39			2	45
40	1	79		
41	1	48	2	48
42	2	70		
43	5	162	1	18
44	1	50	2	85
45	3	59		
46	4	159	3	236
47	3	66	2	56
48	5	149	4	170
49	5	449	2	168
50	5	198	4	185
51	12	320	4	322
52	8	405	2	133
53	6	172	4	336
54	12	652	2	48
55	16	541	3	216
56	13	373	4	166
57	5	219	1	128
58	18	589	3	263
59	14	503	3	185
60	13	541		
61	18	768	5	237
62	19	979	7	382
63	19	900	1	9
64	28	1,095	2	167

Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities
65	30	$1,571	5	$263
66	44	2,031	6	472
67	34	1,351	7	333
68	27	1,020	5	275
69	22	877	4	350
70	35	1,423	3	287
71	27	935	5	393
72	22	786	6	727
73	23	1,125	7	550
74	18	743	2	257
75	35	1,263	4	377
76	33	1,153	5	410
77	24	866	10	911
78	23	827	4	372
79	31	1,310	5	282
80	27	940	3	282
81	15	514		
82	24	849	1	35
83	21	807		
84	24	869	1	98
85	9	387		
86	11	394		
87	16	447		
88	7	293	1	136
89	7	241		
90	3	44		
91	1	76		
92	4	162		
93	1	8		
94	1	4		
96	1	54		
97	1	69		
107	1	18		
Total	848	33,240	152	10,650

[1] Includes voluntary annuities continued to survivors.

TABLE 7.—*The number and monthly annuities of widows and widowers granted annuities under sec. 2 of Public Law 85–465 classified by age as of June 30, 1959*

Age	Number	Monthly annuities	Age	Number	Monthly annuities	Age	Number	Monthly annuities
42	2	$59	63	482	$18,393	84	398	$17,300
43	3	81	64	502	19,500	85	345	14,938
44	3	86	65	485	19,005	86	246	10,750
45	13	463	66	550	21,867	87	251	10,949
46	12	450	67	617	24,560	88	134	5,726
47	15	486	68	560	23,341	89	147	6,390
48	28	859	69	672	28,086	90	125	5,538
49	23	798	70	677	28,661	91	76	3,303
50	38	1,207	71	815	34,640	92	52	2,155
51	58	1,834	72	662	28,093	93	52	2,141
52	60	2,052	73	741	31,139	94	25	1,018
53	74	2,594	74	694	29,990	95	13	489
54	110	3,734	75	695	30,519	96	7	264
55	125	4,264	76	712	30,279	97	11	451
56	171	6,051	77	719	30,991	98	3	109
57	210	6,929	78	606	26,259	99	2	82
58	207	7,388	79	624	27,178	100	3	138
59	315	11,489	80	568	24,995	102	1	37
60	307	11,459	81	504	21,989	104	1	41
61	369	13,500	82	487	20,894			
62	393	14,902	83	440	19,175	Total	17,240	712,058

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